

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 (Original). An electrode assembly for the electrochemical treatment of liquids with a low conductivity, said assembly having electrodes (1, 2) which have a polymeric solid electrolyte (3) arranged between them, are pressed against one another by means of a pressure-exerting device (9, 10; 91) and are
5 formed in such a manner that the liquid can flow through the assembly, characterized in that the pressure-exerting device (9, 10; 91) is supported on the electrodes (1, 2).

10 2 (Original). The electrode assembly as claimed in claim 1, characterized in that at least one electrode (1, 2) has a support which is coated with a doped diamond layer.

15 3 (Original). The electrode assembly as claimed in claim 2, characterized in that the support comprises metal.

4 (Original). The electrode assembly as claimed in claim 3, characterized in that the support is formed from an expanded metal grid (11, 21).

20 5 (Currently Amended). The electrode assembly as claimed in claim 2 or 3, characterized in that the electrodes (1, 2) have passage openings (42) to the polymeric solid electrolyte (3).

6 (Currently Amended). The electrode assembly as claimed in ~~one of~~ claims 1 to 5 claim 1, characterized in that the solid electrolyte (3) has

passage openings.

7 (Currently Amended). The electrode assembly as claimed in ~~one of~~
claims 1 to 6 claim 1, characterized in that the polymeric solid electrolyte (3)
5 only partially fills the interspace between the electrodes (1, 2).

8 (Original). The electrode assembly as claimed in claim 7, characterized
in that the polymeric solid electrolyte (3) is arranged in strips, which are at a
distance from another, in the interspace between the electrodes (1, 2).

9 (Currently Amended). The electrode assembly as claimed in ~~one of~~
claims 1 to 7 claim 1, characterized in that the polymeric solid electrolyte (3)
is arranged in area pieces (33), which are at a distance from one another on
all sides, in the interspace between the electrodes (1, 2).

10 (Currently Amended). The electrode assembly as claimed in ~~one of~~
claims 1 to 9 claim 1, characterized in that the polymeric solid electrolyte (3)
is applied to one of the electrodes (2) as a surface layer.

11 (Currently Amended). The electrode assembly as claimed in ~~one of~~
claims 1 to 10 claim 1, characterized in that it is formed from a stack of a
plurality of electrodes (1, 2) and a plurality of polymeric solid electrolytes (3)
which are arranged between two respective electrodes (1, 2), said electrodes
and electrolytes being jointly pressed against one another by the pressure-
exerting device (9, 10).

12 (Currently Amended). The electrode assembly as claimed in ~~one of~~

~~claims 1 to 10~~ claim 1, characterized in that a plurality of individual assemblies which are formed from two respective electrodes (1, 2) and one polymeric solid electrolyte (3) are connected to the pressure-exerting device (9, 10) to form a stack.

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13 (Currently Amended). The electrode assembly as claimed in ~~one of claims 1 to 12~~ claim 1, characterized in that the electrodes (1, 2) are flat.

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14 (Currently Amended). The electrode assembly as claimed in ~~one of claims 1 to 13~~ claim 1, characterized in that the pressure-exerting device (9, 10) comprises a plurality of screw connections which are led through the electrodes and are made of insulating material.

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15 (Currently Amended). The electrode assembly as claimed in ~~one of claims 1 to 13~~ claim 1, characterized in that the pressure-exerting device (9) is formed from material which is in the form of a wire, is wrapped around the electrodes (1, 2) and has ends which are twisted together in order to generate the pressure.

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16 (Currently Amended). The electrode assembly as claimed in ~~one of claims 1 to 12 and 15~~ claim 1, characterized in that two electrodes (1, 2) are in the form of rods, and in that the polymeric solid electrolyte (3) in the form of a strip (34) alternately wraps around the electrodes (1, 2) under prestress.